CONCENTRATION
CONDUCTED A

Simulation Type
Child's Play 3
Child's Play 4
Weed Trimming 2
Weed Trimming 3
UCL[b]
Weed Trimming 4
Rototilling 1
Rototilling 2
UCL[b]
Ambient during Child play
Ambient during Weed Trimming
Ambient during Rototilling

Notes:

[a] Source of data: Labcor,
Transmitted by email fron
on direct, manual inspecti

[b] Derived as an upper bour
with a pooled analytical se
of the sum of the reciproc
for rototilling as an examp
The 95% upper confidenc
the UCL is simply 3 times

TABLE 1:
IS OF ASBESTOS STRUCTURES OBSERVED DURING SIMULATIONS
T THE NORTH RIDGE ESTATES SITE, KLAMATH FALLS, OREGON[a]

	Number of Observed Structures			Concentration of Observed Structures			
Analytical Sensitivity (s/cm^3)	Short Protocol Structures (Number)	Long Protocol Structures (Number)	7402 Fibers (Number)	Total Protocol Structures (s/cm^3)	Fraction Long Protocol Structures (%)	7402 Fibers (s/cm^3)	
6.8E-03	10	3	2	6.8E-02	23%	1.4E-02	
1.5E-02	6	0	1	9.0E-02	0%	1.5E-02	
3.1E-03	1	0	1	3.1E-03	0%	3.1E-03	
2.9E-03	2	1	0	5.9E-03	33%	<3.0E-03	
3.1E-03	7	7	2	2.2E-02	50%	6.3E-03	
3.3E-03	4	0	0	1.3E-02	0%		
3.3E-03	4	0	0	1.3E-02	0%	<5.0E-03	This would The alterna
2.0E-03	0	0	0	0	0%	0	
1.8E-03	0	0	0	0	0%	0	
2.2E-03	0	0	0	0	0%	0	

Inc. Report (dated: September 8, 2004), which contains the raw data.
n U.S.EPA. The above structure counts (and corresponding concentrations) are based
ion of the raw data.

nd estimate for detection of zero structures based on Poisson distributed data
ensitivity. The pooled analytical sensitivity is derived simply as the reciprocal
cals of the analyitcal sensitivities for the two individual measurements. Thus:
ole, analytical sensitivity = 1/[(1/3.3E-3)+(1/3.3E-3)].
ce limit for zero structures based on a Poisson distribution is 3 structures. Thus,
the pooled analytical sensitivity.

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be for both rototilling simulations.
ative would be simply to put zero for the concentrations of 7402 structures